HD Ready LCD TV with Freeview & DVD

User Guide

Model No
X22/16B-GB-TCD-UK

When does switchover happen?

The exact date you switch depends on the transmitter you are served by. To check when you switch, go to Digital UK's postcode checker on www.digitaluk.co.uk

Check your ITV news service or look at Teletext page 106 to see what TV region you're in.

Keep this important information about how to re-tune your TV during the digital TV switchover

Important information regarding the digital TV switchover

Television in the UK is going digital, bringing us all more choice and new services. Starting late 2007 and ending in 2012, television services in the UK will go completely digital, TV region by TV region.

How the switchover affects your TV equipment.

Your new TV has a digital tuner built in, which means it is ready to receive the Freeview signal by simply connecting it into your aerial socket (you can check if you can get digital TV through your aerial now or whether you will have to wait until the switchover at www.digitaluk.co.uk)

When the TV switchover happens in your area, there are at least two occasions when you will need to re-tune your TV in order to continue receiving your existing TV channels and also to pick up new ones. Digital UK, the body leading the digital switchover, will advise you when you need to retune during the switchover.

How to retune.

Retuning your TV is a very quick and simple process. We recommend that you retune every few months to ensure you are receiving the very latest TV and radio channels that are broadcast.

- In digital/freeview mode, on the remote control press 'menu' quickly followed by 8-8-8-8 (so press the number 8 four times)
- You will now enter the 'First time installation' mode. (if you do not, please refer to the section called 'getting started' later in this user guide)

First Time Installation
Country
UK
Language
English
Please ensure that the aerial is connected to the connector labelled ' RF In ' on the rear of the TV .Ensure that OK is highlighted in yellow and press 'OK' on your remote .If after this scan ,not all digital channels are found ,your aerial may require a signal booster .alternatively ,upgrade your aerial to a high gain digital version .
OK
Cancel

- Simply press 'OK' or 'Enter' on the remote control and your TV will retune.

If you do not retune your TV when advised to do so by Digital UK, you may lose some or all of your channels until you do re-tune.

If you are missing any channels, it may be that they are not available in your area, or that your TV aerial needs upgrading.

For help and support regarding the digital switchover, please contact Digital UK:

Telephone: 08456 50 50 50 (calls charged at local call rate, approx 3p per minute daytime or 1p per minute evenings from a BT landline)
Digital UK website: www.digitaluk.co.uk

If you require technical or warranty support on this television, please contact the manufacturer helpline, do not contact Digital UK unless your query is regarding the digital switchover.

WARNINGS

Caution
This television contains no user serviceable parts. Please refer to the manufacturer or authorised repair agent in the event of malfunction. Do not remove the back cover from the television.

Warning
To reduce the risk of fire, electric shock or damage to the television, do not expose it to dust, rain or moisture, or place any objects filled with liquids on or near the television.

Do not place the television in a confined space, ensure that nothing can obstruct the ventilation openings at the rear of the television.

Do not place naked flames on or near the television.

Dispose of this television and any components including batteries in an environmentally friendly manner. If in doubt, please contact your local authority for details of recycling.

Your LCD TV should be cleaned using a dry or slightly damp cloth. You should not use an alcohol based cleaner

Safety
For your safety, this appliance is fitted with a fused moulded 3 pin mains plug. Should the fuse need to be replaced, ensure that any replacement is of the same amperage and approved with the BSI mark. ( )

Never try and replace the mains plug unless you have adequate qualifications and are legally authorised to do so. In the event that a replacement Mains cable is required, contact the manufacturer for a suitable replacement.

Never use the television if it is damaged in any way.

Always place the television on a flat level surface avoiding anywhere which may be subject to strong vibration. Ensure the television is not placed on top of the power cable as the weight of the television may damage the cable and cause a safety hazard.

Never place mobile phones, speakers or any other device which may cause magnetic or radio interference with the television. If interference is apparent, move the device causing the interference away from the television.

Packaging
Please save the packaging for the television as you will need this in the event of warranty/service repair or support. We are unable to carry out warranty/service if you are unable to package it correctly. The safest way to package your item in the event of warranty/service repair is in its original box/packaging

WARNINGS

Screen Burn

A characteristic of LCD TV Panels is that displaying the same image for a long time may cause a permanent after-image to remain on the screen. This is called screen burn. Most pictures shown on your TV will be constantly moving and fill the screen.

Examples of images that you need to watch out for are as follows (this is not an all-inclusive list):

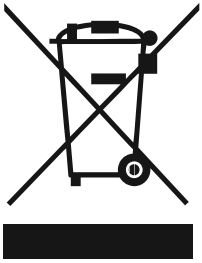
- **TV Channel Logos: e.g. Shopping channel logos and pricing displays-especially if they are bright and stationary. Moving or low-contrast graphics are less likely to cause ageing of the screen.**
- **Picture-in-Picture and Multi Picture-in-Picture: Do not view for long periods of time using the Picture-in-Picture or Multi Picture-in-Picture functions.**
- **Time Displays**
- **Teletext: Do not view a stationary page for long periods of time.**
- **TV/DVD Menus: e.g. Listings of DVD disk content.**
- **Pause Mode: Do not leave the TV in pause mode for long periods of time, e.g. When watching DVDs or videos.**

Note: To prevent screen burn if viewing any of the above for long periods of time, reduce contrast and brightness when viewing. Once burn-in occurs it will never disappear completely.

How do I dispose of this product?

UK: Waste electrical products should not be disposed of with household waste. Separate disposal facilities exist. For your nearest facilities, please see www.recycle-more.co.uk or instore for details.

ROI: Produced after 13th August 2005. Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



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If you experience any problems with this Television,
Please contact the helpline.

Customer Support/Technical Helpline
Sky Media UK LTD
Telephone: 0871 2000 463
Email: service@skymediauk.co.uk

WHAT IS INCLUDED IN THE BOX

Accessories

Included with this TV are the following accessories:

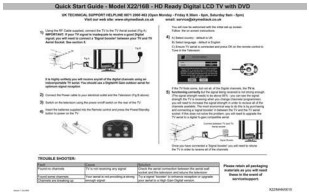
1x - User Guide Book

1x - Remote control

1x - RF lead

2x - AAA batteries

1x - Quick Start Guide



1x - TV

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REMOVING THE STAND & WALL MOUNTING

Removing the stand

1) Remove the two screws highlighted below

2) The stand will now come off

IMPORTANT— BEFORE DRILLING ANY HOLES IN THE WALL ENSURE YOU ARE NOT DRILLING WHERE THERE COULD BE ANY ELECTRIC WIRES, WATER OR GAS PIPES

THIS TV REQUIRES A VESA
100 WALL MOUNT, OR EQUIVALENT

VESA MOUNTING COMPLIANT **100**

1) Remove the four screws highlighted below.

2) The wall mount can now be easily attached to the mounting holes on the rear of the TV. These holes are indicated in the picture below

Important – If wallmounting this TV, only use the screws already provided in the wallmounting holes. Using other screws which are longer could cause irrepable damage to internal part.

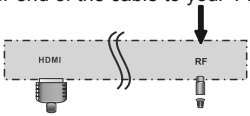
GETTING STARTED - INITIAL SET UP

IMPORTANT - AFTER TUNING DO NOT PRESS ANY BUTTONS FOR 20 SECONDS SO THE CHANNEL INFORMATION CAN BE STORED.

TUNING IN

IMPORTANT — Please ensure the TV has reached room temperature before connecting the power for the first time

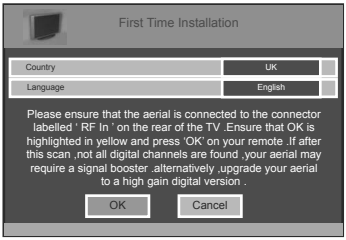
1) Connect the mains lead to your electrical outlet
2) Connect the RF Cable supplied to the **'RF'** on the rear of the TV and connect the other end of the cable to your TV Aerial outlet



3) Switch on the TV using the power switch on the rear of the television.
4) Install batteries in the remote control and press the [STANDBY] button to turn on the TV.

The 'First Time Installation' menu should now appear. If it does not, please press [LCD-MENU] then 8-8-8-8 and the menu will appear.

5) Press [OK] on the remote control whilst 'OK' is highlighted on screen.


First Time Installation
Country
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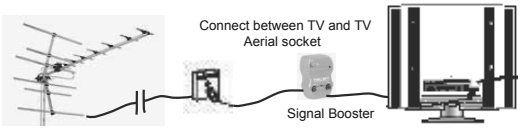
Language
English
Please ensure that the aerial is connected to the connector labelled ' RF In ' on the rear of the TV .Ensure that OK is highlighted in yellow and press 'OK' on your remote .If after this scan ,not all digital channels are found ,your aerial may require a signal booster .alternatively ,upgrade your aerial to a high gain digital version .
OK
Cancel

Tuning will now take place.

If no channels are found the following screen will appear, please refer to additional information below.

First Time Installation
Unfortunately the TV did not find any channels.
Please check your aerial connection
and refer to the user manual.
Do you wish to re-tune your TV.
Yes
Do it next time
No

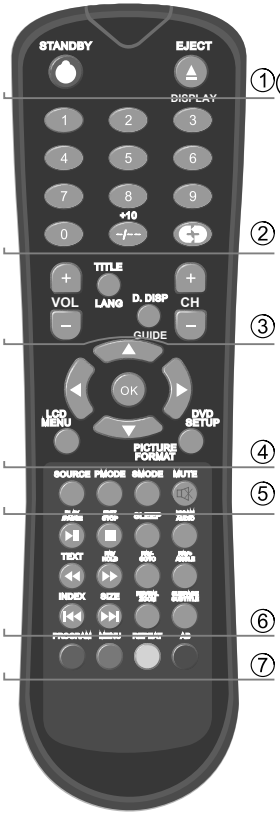
TYPICAL SET-UP



Once you have connected a 'Signal booster' you will need to retune the TV in order to receive all of the channels.

Additional Information - If the TV finds some, but not all, of the Digital channels, the TV is functioning correctly but the signal being received is not strong enough. (The signal strength needs to be above 85% - you can see the signal strength the TV is receiving when you change channels/ programmes) you will need to increase the signal reception in order to recieve all of the channels available. The most economical way to do this is by purchasing and connecting a 'signal booster' in between the TV and the TV aerial socket. If this does not solve the problem, you will need to upgrade the TV aerial to a digital hi-gain compatible aerial

REMOTE CONTROL BUTTONS



① **STANDBY**
Switch on LCD TV when on standby mode or vice versa.

EJECT
Press to eject the DVD in DVD mode.
Press to display the information of the channel in DVB mode.

② **NUMBER BUTTONS**
Press 0-9 to select a TV channel directly when you are watching TV. The channel will change after 2 seconds.
To enter page number in teletext mode.

-/--
Press this button to enter a program number for multiple program channel such as 2-1,etc.

Return to the previous channel viewed.

③ **VOL +/-**
Press to increase / decrease the sound level.

TITLE
Press to display the DVD title menu.

LANG
DVD mode: To show the list of audio languages available for the current channel.

GUIDE
Press to show the Electronic Program Guide menu in digital/freeview mode.

DISPLAY
Press to display the source and channel's information

CH +/-
Press to scan through channels. To scan quickly channels, press and hold down either +/- button.

④ **NAVIGATIONS BUTTONS (▲/▼/◄/►/ OK)**
Allows you to navigate the on-screen menus and adjust the system settings to your preference.

LCD MENU
To display OSD menu of different input source.

DVD SETUP
To display the setup menu of DVD on the screen.

PICTURE FORMAT
Switches the TV between the different picture formats

⑤ **SOURCE**
Press to cycle through the input source.

PMODE
Press repeatedly to cycle through the available video picture mode.

SMODE
Press to cycle through the different sound modes.

MUTE
Press to mute the sound and press again to restore.

①⑥ **PLAY/PAUSE**
Press to play or pause the DVD playing.

EXIT/STOP
Digital mode: Exit the Digital menu.
DVD mode: Stop the DVD playing.

SLEEP
Activates sleep mode

NICAM/AUDIO
Digital mode: press to select NICAM.
DVD mode: press to select DVD audio channels.

TEXT(Fast reverse)
Teletext mode: press to enter the teletext mode.
DVD mode: press to play a DVD program in fast rewind mode.

FAV/HOLD
Digital mode: press to display FAV menu.
Teletext mode: press hold on or off for current page display.
DVD mode: press to play a DVD program in fast forward mode

FAV−/GOTO
Digital mode: decrease fav channel.
DVD mode: press to go to DVD.

FAV+/ANGLE
Digital mode: increase fav channel.
DVD mode: select different angle of DVD

INDEX(PREV)
Teletext mode: request the index page.
DVD mode: press to replay the current program from the previous chapter.

SIZE(NEXT)
Teletext mode: change the display size.
DVD mode: press to advance forward to the next chapter.

REVEAL/ZOOM
Teletext mode: To reveal or hide the hidden words.
DVD mode: select the zoom to change picture size.

SUBPAGE/SUBTITLE
DVD mode: Sub coded page access.
Teletext mode: To switch the dialogue at the bottom off the screen

⑦ **Program**
To select the DVD program playback.

MENU
To display the DVD disc menu

REPEAT
Repeat playback .

AB
Press to AB playback.

TV BUTTONS & THEIR FUNCTIONS

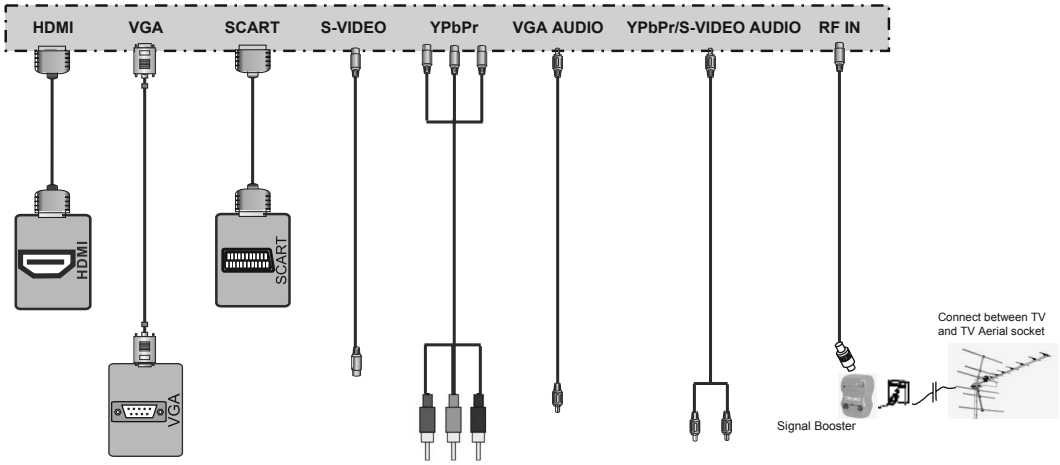
TOP PANEL BUTTONS

1	Select the input source
2	Displays Menu/OSD
3	Program/Channel down and menu down
4	Program/Channel up and menu up
5	Volume down and menu down
6	Volume up and menu up
7	DVD - Play/Pause
8	DVD - Eject
9	Switch between standby and television on

INPUTS & CONNECTIONS

REAR CONNECTIONS

A	HDMI	HDMI input
B	VGA	VGA-PC input
C	SCART	SCART input
D	S-VIDEO	S-Video input
E	YPbPr	Component input
F	VGA AUDIO	VGA-PC Audio input
G	YPbPr/S-VIDEO AUDIO	Component/S-Video Audio input
H	RF IN	RF input



Choosing Mode/Source
To switch between the different connections is very easy.

1) Press [SOURCE] - The following will appear
2) Press [V] or [Λ] to select the input you require.
3) Press [OK]

Connecting HD Ready Devices
There are two options for HD.

1) By connecting via HDMI cable (not included) – this provides both HD picture and sound.
2) By connecting via Component (YPbPr) cable (not included) – this provides HD picture. Source should be set to YPbPr.

TV MENU OPERATION

Using the TV menu

The following section will explain how to operate before explaining all the options available to you.

1) Press [LCD MENU] and the menu will appear
2) Press [>] to select the next menu until you reach the menu you require

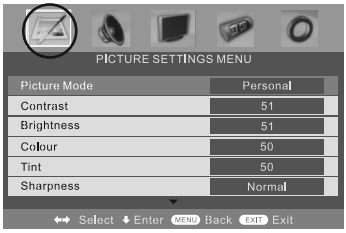
Picture Settings Menu

Sound Settings Menu

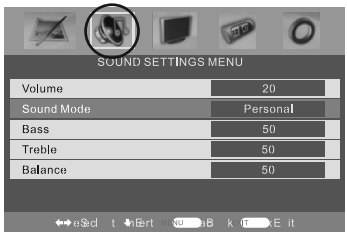
Tuning Settings Menu

Timer Settings Menu

General Settings Menu



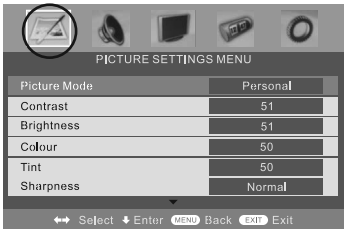
3) To enter a sub menu and select a setting you wish to change press [\/]



4) Each option can be altered by pressing [>] or [<].
5) To exit at any point in time press [EXIT]

PICTURE SETTINGS MENU

Lets you adjust picture mode, contrast, brightness, colour, tint and sharpness to enhance the viewing experience.



Selecting Picture Mode Preset
Switch between different preset picture options

Standard	All settings are set to 50
Personal	Lets you manually alter all the settings
Movie	Set to enhance when watching a movie
Sport	Set to enhance when watching a sport
Mild	Set to be lighter in colour and less bright
Game	Set to enhance when playing a games console

Adjusting Contrast (Only available when Picture Mode is set to Personal)
Switch the balance between black and white

Adjusting Brightness (Only available when Picture Mode is set to Personal)
Increase or decrease the brightness of the picture

Adjusting Colour (Only available when Picture Mode is set to Personal)
Increase the colour from black and white to vivid

Adjusting Tint (Only available in PC mode)
Lets you increase or decrease the level of tint within the picture

Adjusting Sharpness
You can change the sharpness between the different preset options

Normal	For standard use
Sharp	For pictures with little movement
Sharpest	For pictures with nearly no movement
Soft	For pictures with large amount of movement
Softest	For pictures with lots of movement

Adjusting Colour Temperature (Only available in PC mode)
There are 3 presets for colour temperature

Normal	Standard setting
Warm	Increased red within the picture
Cold	Increased blue within the picture

Dynamic Noise Reduction
Reduces the interference in the picture.

SOUND SETTINGS MENU

Adjusting Volume
Lets you adjust the volume of the television

Voice	Emphasises voice over other sounds
Music	Emphasises music over voices
Theatre	Provides liver and full sound for movies
Personal	Selects your personal sound settings

Selecting Sound Mode Preset
Switch between different preset sound options

Adjusting Bass
To adjust the amount of bass within the sound

Adjusting Treble
To adjust the amount of treble within the sound

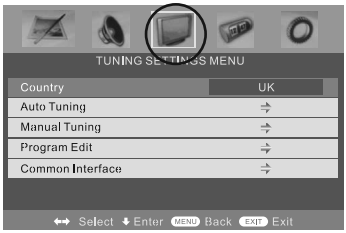
Adjusting Balance
To switch the sound between the left and right speakers

TV MENU OPERATION

TUNING SETTINGS MENU
(Only Freeview & Analogue TV modes)

Adjusting Country
If you are moving country you may wish to change the Country Settings

Auto Tuning
Scan for all channels based on the current settings



Manual Tuning
You may wish to manual search if you can't find a certain channel or if you wish to connect to a Satellite/Cable box via RF/Aerial connector

Program Edit / Changing Channel Position (Only Freeview & Analague TV modes)
You can change the analogue channel position to suit your requirements.

Freeview mode – Press the [Green] button to add the selected channel to your favorite, press it a second time to remove. Press the [Yellow] to delete the channel from the list. WARNING – this will remove the channel complete from the TV. Press [Blue] to lock a channel (to do this the Child Lock function must be set "ON")
Analogue TV mode – Press the [>] to select the change you wish to move. Move to the new location and press OK]

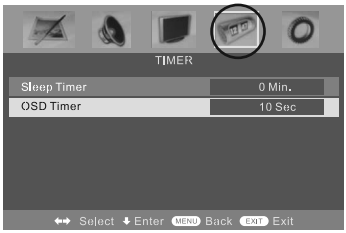
Common Interface Slot
(Only in Freeview Mode)

Pay per view services require a "smartcard" to be inserted into the TV. If you subscribe to a pay per view service the provider will issue you with a 'CAM' card "smartcard".

The CAM can then be inserted into the COMMON INTERFACE PORT. To access the card follow the steps below.

TIMER SETTINGS MENU

Lets you adjust the OSD timing and the sleep timer

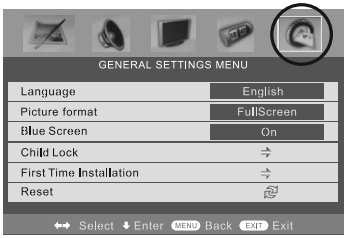


Sleep Timer
Lets you set the sleep timer so the television automatically switches off after a certain amount of time.

On Screen Display Timer
Lets you adjust the amount of time the On Screen Menu stays on the screen before disappearing.

GENERAL SETTINGS MENU

Lets you adjust the language, picture size, blue screen, add child lock, complete first time installation and reset the television.



On Screen Menu Language
Lets you change the on screen menu language.

Picture Format
Lets you adjust the picture format

Blue Screen
Changes the background when there is no input between clear and a blue background

Child Lock/Key Lock
Allows you to lock certain channels and content so that it can not be viewed by children. Once child lock has been applied go to tuning settings menu, Program edit and select which channels you wish to lock by pressing the blue lock button

First Time Installation
Allows you to reset the television for first time tuning.

Reset television to factory settings
You may wish to reset the menus to factory settings e.g. if you have forgotten a changed password

ELECTRONIC PROGRAM GUIDE & DIGITAL TELETEXT

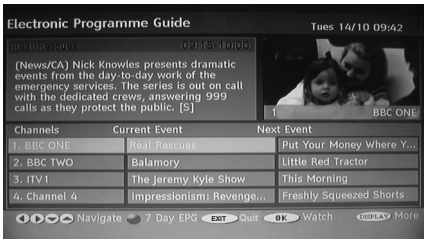
Electronic Program Guide (EPG)

The Electronic Program Guide (EPG) is available in Digital TV mode. It is a 7 day TV guide and provides information about forthcoming programmes (where supported by the broadcasted channel).

You can view the start and end time of all programs and on all channels for the next 7 days.

It is very simple to operate.

1) Press [GUIDE]. The following menu will appear.



2) Navigate through the now and next menu using the [>], [<], [V] and [/\] buttons
3) Press the [BLUE] button to enter the 7 day menu. Reminders can now be added by pressing [OK].

4) Press [EXIT] to exit the Electronic Program Guide (EPG).

Digital TV Teletext

With Digital TV (Freeview) there is also digital teletext available on some channels. Simply follow the on screen commands. Here is an example of the BBC digital teletext service.

1) To start digital teletext press RED button.

2) To select the information you require you can scroll using [\/] or [/\] and press [OK] alternatively you can key the page number for example [3][0][0] followed by [OK]

You can then navigate using the colour buttons (Red, Green, Yellow, Blue), the [\/] [/\] buttons and numbers.

If you wish to exit at anytime press [TEXT]

TELETEXT OPERATION (ANALOGUE TV ONLY)

Teletext is a service offered by some broadcasters.

Teletext Operation

1) Press [TEXT], after a few seconds teletext page 100 should appear.
Here is an example of BBC1

2) You can now navigate to the page you require in a number of ways:

   a) Press the page you require using the number buttons i.e. page 302, by pressing [3][0][2]
   b) Press the colour buttons, these will take you to the page indicated on screen for each colour

3) To exit Teletext press [TEXT] twice at any time

Other buttons

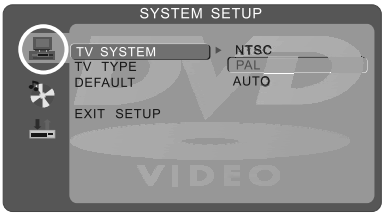
[SIZE] this increases or decreases the size of the text on screen
[INDEX] some pages are more than one page long this button displays the number of pages
[REVEAL] if there is an answer or something hidden this will display it
[SUBPAGE] displays the sub page if it exists
[HOLD] This stops the pages changing when there are multiple pages

DVD MENU OPERATION

SYSTEM SET UP

Adjusting TV System
Lets you adjust between NTSC, PAL, AUTO (PAL is default for the UK)

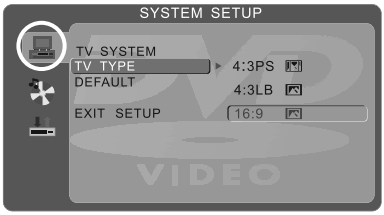
1) Press [DVD-SETUP] to enter menu
2) Press [>] to select TV System
3) Press [>] to enter menu
4) Press [V] or [Λ] to highlight NTSC, PAL or AUTO
5) Press [OK] to confirm



6) Press [DVD-SETUP] to exit

Adjusting Picture Format
This lets you select the format of the picture that is being shown between 16:9, 4:3 LetterBox and 4:3.

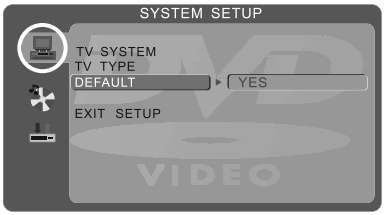
1) Press [DVD-SETUP] to enter menu
2) Press [>] to select TV System
3) Press [V] to select TV Type
4) Press [>] to enter menu
5) Press [V] or [Λ] to highlight 4:3PS, 4:3LB or 16:9
6) Press [OK] to confirm



7) Press [DVD-SETUP] to exit

Returning to Default
This lets you switch the DVD menus show above back to Default settings

1) Press [DVD-SETUP] to enter menu
2) Press [>] to select TV System
3) Press [V] to select Default
4) Press [>] to enter menu
5) Press [>] to highlight Yes
6) Press [OK] to confirm



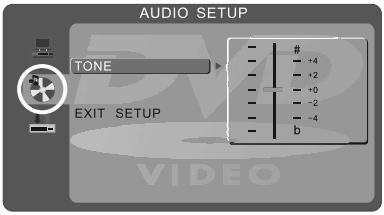
7) Press [DVD-SETUP] to exit

DVD MENU OPERATION

AUDIO SET UP

Adjusting Tone
Lets you increase or decrease the Tone of the sound

1) Press [DVD-SETUP] to enter menu
2) Press [\/] to select Audio Set Up
3) Press [>] to enter menu
4) Press [\/] to select Tone
5) Press [>] to enter menu
6) Press [\/] or [/\] to increase or decrease the tone
7) Press [OK] to confirm

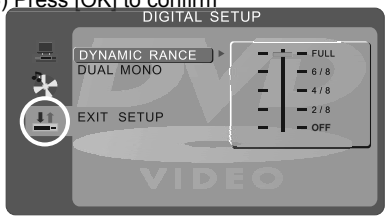


8) Press [DVD-SETUP] to exit

DIGITAL SET UP

Adjusting Dynamic Range
This is the difference between the quietest and loudest sounds. This setting works only with DVD discs recorded in Dolby digital.
FULL: Set this to listen with the range recorded on the disc.
4/8: Set this to listen with a range equivalent to a normal television.
2/8: Set this to listen with a smaller difference between the maximum and minimum volume.

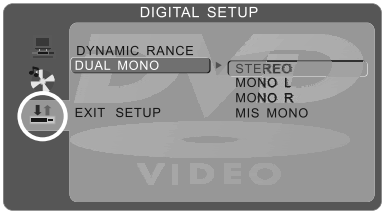
1) Press [DVD-SETUP] to enter menu
2) Press [\/] twice to select Digital Set Up
3) Press [>] to select Dynamic Range
4) Press [>] to enter menu
5) Press [\/] or [/\] to increase or decrease the Dynamic range
6) Press [OK] to confirm



7) Press [DVD-SETUP] to exit

Adjusting the Sound
Lets you change the sound between Stereo, Mono Left, Mono Right and Mixed Mono.

1) Press [DVD-SETUP] to enter menu
2) Press [\/] twice to select Digital Set Up
3) Press [>] to enter menu
4) Press [\/] to select Dual Mono
5) Press [>] to enter menu
6) Press [\/] or [/\] to switch between Stereo, Mono L, Mono R and Mix Mono
7) Press [OK] to confirm



8) Press [DVD-SETUP] to exit

Changing Regions
This TV/DVD player is pre-set to play Region 2 DVDs. In the event you wish to use the TV/DVD in another country that uses different region discs, please visit www.skymediauk.co.uk. Select ‘product support’, ‘DVD region code information’

CONNECTING TO A PC - WINDOWS XP

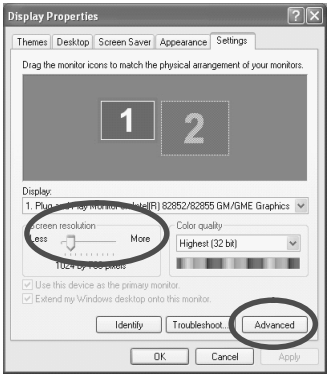
IMPORTANT— Before connecting to a PC you must ensure that the settings of the PCs output are correct for the new LCD Monitor.

You need to do the following with your old monitor connected

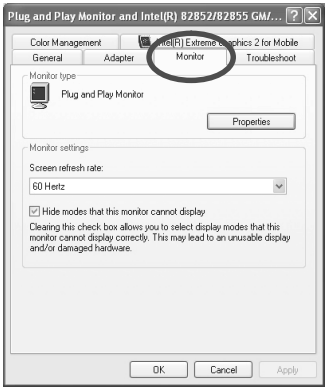
1) Switch on your PC
2) When finished booting up, right click your mouse anywhere on the screen, the below will appear

3) left click your mouse on Properties, this screen will appear

4) Left click your mouse on Settings, this screen will appear. Check the screen resolution is set to what is show in the technical specifications section. You can adjust the resolution by moving the slider on screen.



5) Left click your mouse on Advance, this screen will appear, click on tab called 'Monitor'



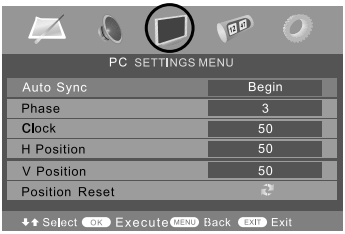
6) Left click on the drop down for Screen refresh rate and select 60 Hertz.
7) Finally click on Apply, then click Yes and the settings will be saved.
8) Turn off your PC.
9) Connect up your LCD TV to your PC and switch on.
10) Switch on your PC, Windows will automatically Install the LCD TV.

For audio connection please refer to the Inputs and Connections page.

For Windows Vista operating system the process is very similar to the above.
If you require additional support please contact the helpline.

PC MENU OPERATION (VGA)

Auto Configuration of Screen
Lets you automatically configure the television to be used as a computer monitor



Phase
To adjust delay time of phase in order to reduce the noise of picture

Clock
Alter this in order to reduce the noise within the picture

Horizontal Position
Changes the horizontal position of the picture

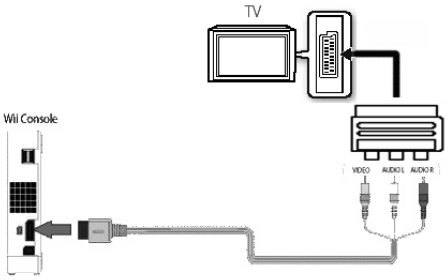
Vertical Position
Changes the vertical position of the picture

Position Reset
To position of the picture to the factory settings

CONNECTING A GAMES CONSOLE

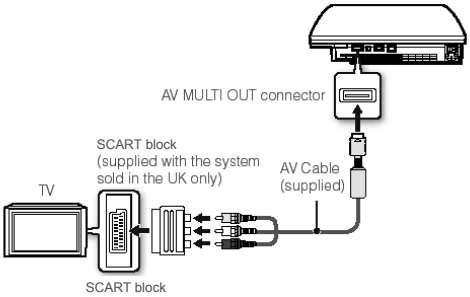
Many people may wish to connect a games console to the TV, here are some of the most common examples:

Nintendo Wii
The Nintendo Wii is supplied with a AV Multi Out plug to AV cable



PlayStation 3
The PS3 is supplied with an AV Cable and a SCART block.

Option 1 – With cables provided



Option 2 – With optional HDMI cable.
A HDMI cable can output both video and audio and enables you to enjoy digital-quality video and audio with minimal loss of picture quality

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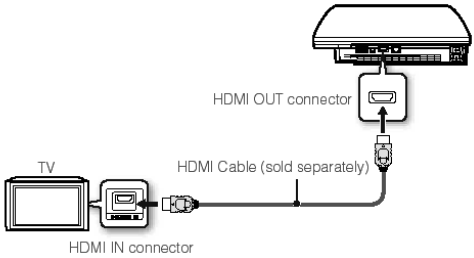
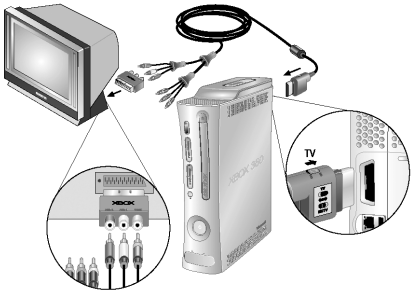
A HDMI cable can output both video and audio and enables you to enjoy digital-quality video and audio with minimal loss of picture quality



Xbox 360
The Xbox 360 is supplied with various options cable options depending on the version of console that you have. Here are the best options to connect to the TV.

Option 1 – With the AV Cable (Yellow, Red & White cables) through the SCART block

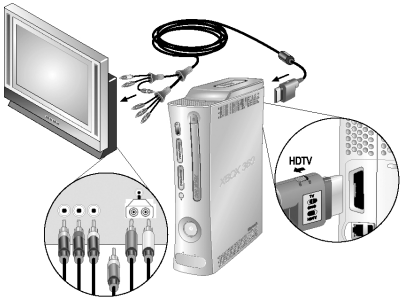


IMPORTANT – the switch on the AV port should be on 'TV'

CONNECTING A GAMES CONSOLE

Option 2 – With the HDMI to HDMI cable A HDMI cable can output both video and audio and enables you to enjoy digital-quality video and audio with minimal loss of picture quality

Option 3 – With Component Cables (Red, Green, Blue cables - Picture) and Audio cables (Red & White cables – Sound) through an AV to 3.5mm splitter adapter.



IMPORTANT – the switch on the AV port should be on ‘HDTV’

CONNECTING TO A CABLE/SATELLITE BOX

You may wish to connecting your TV to a cable or satellite box.

Connecting via SCART
The best option if the cable/satellite box is located next to the TV is via SCART cable.

1) Connect the SCART cable from the cable/satellite box to SCART of the TV
2) Switch on the cable/satellite box
3) Press [SOURCE]
4) Press [\/] or [/\] to select SCART
5) Press [OK]

The channel your cable/satellite box will now be shown on the TV.

Connecting via RF
You may wish to share your cable/satellite signal around the home by using an RF connection. If this TV is to be connected in this way, please follow the below.

Ensure the Sky signal is switched on, before you start the below.

1) Connect the RF cable from the RF output socket of the sky/cable box to the 'RF IN' of the TV.
2) Switch the TV to analogue TV mode
3) Press [LCD-MENU] to enter menu
4) Press [>] twice to select Tuning Settings Menu
5) Press [\/] to select Manual Tuning

6) Press [>] to enter Auto tuning
7) Press [OK] to start tuning

Once tuning is complete the first channel will appear. Press [CH+] to move through the channel until you find the Sky channel. The channel can then be moved if you wish, please refer to the Tuning Setting menu – Program Edit section of the manual.

Controlling your television using you cable/satellite or universal remote control.

You may wish to use your cable/satellite or a \universal remote control to operate some of the functions of this TV. For this you require a 'code' that needs to be programmed into your cable/satellite or universal remote control.

For codes for universal remote controls, please visit our website where you will find the very latest information and codes.

For codes for Sky/Sky+Sky HD, please note that at the point of manufacture, BSkyB have not launched the code required for this model of TV. They are due to launch a new remote control which should include the necessary code to operate the functions of the TV during 2009 (called revision 9). The launch date was not known at the time of printing this manual.

Please check our website for updates, alternatively, see below some alternative options of remote controls that are available.

One for All Sky Originals

The One for All remote controls shown above will operate all of the functions of the Sky box in the same way the original remote control will, in addition, they will also operate the functions of this model of TV. The One for All versions are available to purchase from the helpline/website. The original Sky remote controls are shown for comparison purposes

TROUBLE SHOOTING

TV	I have tuned in Digital TV but I am not receiving any or all of the channels and/or the channels I receive are breaking up	1) Check you are in an area that can receive Freeview. Visit www.freeview.co.uk or call 08701 111 270. 2) Check you have a suitable aerial. Many indoor aerials will say they are digital ready, but you will not get a good signal. The TV requires a minimum of 85% signal strength 3) Consider purchasing a signal booster, it is much cheaper than a digital aerial and cures 70% of poor signal problems. 4) Failing the above for now use the For best performance we recommend using an outdoor hi-gain digital aerial. If you are receiving some digital stations first try to connect a signal booster in between the TV and TV aerial socket analogue TV, until the signal becomes stronger in your area.
DVD	I have inserted a disc but it is not playing	1) Ensure you have inserted put the disc in facing the correct way forward 2) Ensure the disc is clean and is not scratched 3) Some copied discs will not play. 4) Check the DVD is a region 2 disc – to change the region of the DVD player, refer to section 'Changing Regions'.
	The subtitles are switched on when I am watching a DVD	Each time you press [Subtitles] button you switch between the different languages. Off is one of the options. If you still have subtitle on, access through the DVD disc menu and switch off
Game Consoles	I have connected my PS3 to the TV via HDMI, but I am not receiving any pictures or sound on my PC	1) Ensure the TVs source is on HDMI 2) Check your settings on your PS3 are as per the PS3 instruction manual
	I have connected my Xbox 360 to the TV via Component Cables (Red, Green & Blue) but I am not receiving any sound	Component cables only provide HD Pictures. For the sound you will need to connect the Red & White audio cables on the Xbox to the 3.5mm to phono cables and insert this is the 3.5mm input on the rear of the TV. Please refer to the 'Connecting to a console' pages.
VCR/DVD Recorder	I have connected the TV to my VCR or DVD Recorder via SCART but it is not recording	In addition to connecting via SCART, you should connect the aerial cable from the wall socket to your VCR/DVD Recorder and another aerial cable from the VCR/DVD Recorder to the TV
Connections	The television doesn't have any outputs for sound, however I would like to connect to an external sound system	You can purchase a SCART block with a changeable input/output switch. Then connecting this to SCART and switching to output you can run the Audio left/right to an external sound system

If you are still experiencing problems please contact the Helpline
Customer Support/Technical Helpline
Sky Media UK LTD
Telephone: 0871 2000 463
Email: service@skymediauk.co.uk
Visit our web site www.skymediauk.co.uk for further Trouble shooting and frequently asked questions.

TECHNICAL SPECIFICATION

		X22/16B-GB-TCD-UK
Panel	Size (Inches)	22"
	Resolution	1680x1050
	Contrast Ratio	1000:1
	Brightness cd/m^2	300
Input Signal	PC RGB	Yes
	RF	75 ohm Antenna / PAL-SECAM
	Video	1 x SCART, 1 x S-Video, 1 x Component (YPbPr - 1080i)
	Sound	1 x 3.5mm jack for PC, 1 x pair RCA for YPbPr/S-Video
	HDMI	1 (up to 1080i)
Speaker Output	Watts (RMS)	2 x 3
DVD player		Yes
Power	Voltage	100-240v 47-63Hz 1.5A
Dimensions	Inc Stand	523W x 440H x 210D
	Exc Stand	523W x 382H x 95D
Weight	Net (Kgs)	6,3
	Gross (Kgs)	7,7

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OPTIONAL ACCESSORIES AND SPARE PARTS

If you wish to purchase additional accessories for example wall mounts, Sky remote controls or replacement spare parts.
Please visit our website www.skymediauk.co.uk for further details.

You can find details of how to purchase either by visiting our web site or calling our helpline on 0871 2000 463.